

APPLICATION INFORMATION

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| Application Type:: | REGULAR |
| Subject Matter:: | UTILITY |
| CD-ROM or CD-R?:: | NONE |
| Title:: | VEHICLE AIR-CONDITIONING RELATED TECHNIQUE HAVING REFRIGERATION CYCLE OF SUPERCRITICAL REFRIGERANT |
| Attorney Docket Number:: | 291601US40PCT |
| Total Drawing Sheets:: | 8 |

INVENTOR INFORMATION

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| Applicant Authority Type:: | INVENTOR |
| Primary Citizenship Country:: | Japan |
| Status:: | FULL CAPACITY |
| Given Name:: | Etsuo |
| Family Name:: | SHINMURA |
| City of Residence:: | Oyama-shi |
| State or Province of Residence:: | Tochigi |
| Country of Residence:: | Japan |
| Street of Mailing Address:: | c/o Oyama Regional Office, Showa Denko K.K., 480, Inuzuka 1-chome |
| City of Mailing Address:: | Oyama-shi |
| State or Province of Mailing Address:: | Tochigi |
| Country of Mailing Address:: | Japan |
| Postal or Zip Code of Mailing Address:: | 323-8678 |

Applicant Authority Type:: INVENTOR
 Primary Citizenship Country:: Japan
 Status:: FULL CAPACITY
 Given Name:: Yuichi
 Family Name:: FURUKAWA
 City of Residence:: Oyama-shi
 State or Province of Residence:: Tochigi
 Country of Residence:: Japan
 Street of Mailing Address:: c/o Oyama Regional Office, Showa Denko K.K., 480, Inuzuka 1-chome
 City of Mailing Address:: Oyama-shi
 State or Province of Mailing Address:: Tochigi
 Country of Mailing Address:: Japan
 Postal or Zip Code of Mailing Address:: 323-8678

CORRESPONDENCE INFORMATION

Correspondence Customer Number:: 22850

REPRESENTATIVE INFORMATION

Representative Customer Number:: 22850

DOMESTIC PRIORITY INFORMATION

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|------------------|--------------------|----------------------|----------------------|
| Application:: | Continuity Type:: | Parent Application:: | Parent Filing Date:: |
| This Application | National Stage of | PCT/JP04/18423 | 12/03/04 |
| PCT/JP04/18423 | Non-provisional of | 60/528,496 | 12/11/03 |

FOREIGN PRIORITY INFORMATION

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|---------------------|-----------|---------------|--------------------|
| Application Number: | Country:: | Filing Date:: | Priority Claimed:: |
| 2003-407379 | Japan | 12/05/03 | YES |

ASSIGNMENT INFORMATION

Assignee Name:: SHOWA DENKO K.K.
 Street of Mailing Address:: 13-9, Shiba Daimon 1-chome, Minato-ku
 City of Mailing Address:: Tokyo
 Country of Mailing Address:: Japan
 Postal or Zip Code of Mailing Address:: 105-8518